



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:) Group Art Unit: 1638
WEEKS et al.)) Examiner: D. Kruse
Serial No.: 09/055,145)) AMENDMENT AND RESPONSE
Filed: April 3, 1998))
Atty. File No.: 3553-18))
For: "METHODS AND MATERIALS FOR)
MAKING AND USING)
TRANSGENIC DICAMBA-)
DEGRADING ORGANISMS")

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

IN THE CLAIMS:

Cancel Claims 8-20, 25-35, 40-43, 45-46 and 49.

Amend Claims 1-2, 4-5, 21-22, 36-37, 44 and 47-48 to read as follows:

1. (Amended Once) An isolated DNA molecule comprising a DNA sequence encoding a dicamba-degrading oxygenase.
2. (Amended Once) The DNA molecule of Claim 1 comprising a DNA sequence encoding a dicamba-degrading oxygenase having the amino acid sequence of SEQ ID NO:4.
3. 4. (Amended Once) A DNA construct comprising a DNA sequence encoding a dicamba-degrading oxygenase operatively linked to expression control sequences.
5. (Amended Once) The DNA construct of Claim 4 comprising a DNA sequence encoding a dicamba-degrading oxygenase having the amino acid sequence of SEQ ID NO:4.
21. (Amended Once) A transgenic host cell comprising DNA encoding a dicamba-degrading oxygenase, said DNA being operatively linked to expression control sequences.

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
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ADDRESSED TO THE ASSISTANT COMMISSIONER FOR
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SHERIDAN ROSS P.C.
BY Stephanie Russell